

In the Claims

Applicant has submitted a new complete claim set showing marked up claims with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing.

Please amend pending claims 1, 3, and 29 as noted below.

1. (Currently Amended) An interlocking modular block system for mortarless wall assembly, comprising:
 - a plurality of blocks laid up in courses in a staggered relationship,
 - wherein three different block configurations are provided, a stretcher block and a corner block having lengths at least one and a half times the width, and a half block having the same width of the stretcher block and the corner block and a length up to half the length of the stretcher block and the corner block, each of said blocks comprising:
 - a pair of spaced, parallel, upright sidewalls having flat top and bottom surfaces, said sidewalls having block-interlocking means;
 - a first transverse end wall extending between said sidewalls spaced from a second end of said blocks; and
 - a second transverse end wall extending between said sidewalls spaced from a second end of said blocks;
 - wherein, in the corner block, said sidewalls have block-interlocking means on opposed ends thereof.
2. (Previously Presented) The interlocking modular block system according to claim 1 wherein, in the stretcher block:
 - said sidewalls have block-interlocking means on opposed ends thereof;
 - the first transverse end wall is a protruding end wall extending between said sidewalls spaced from a first end of said stretcher block; and
 - the second transverse end wall is a protruding end wall extending between said sidewalls spaced from the second end of said stretcher block.

3. (Currently Amended) The interlocking modular block system according to claim 1 wherein, in the corner block:

~~said sidewalls have block-interlocking means on opposed ends thereof;~~

the first transverse end wall extends between said sidewalls at a first end of said corner block;

the second transverse end wall extends between said sidewalls spaced from the second end of said corner block; the corner block further comprising:

a transverse upright support web spanning between said sidewalls, integral to the sidewalls, and defining a cavity for receiving cementitious material therein; and

protrusions on the inside of sidewalls, extending from a base substantially coplanar with said sidewall bottom surfaces and having tips extending above said sidewall top surfaces configured to interlock with a block in a next succeeding course.

4. (Previously Presented) The interlocking modular block system according to claim 1 wherein, in the half block:

said sidewalls having block-interlocking means at one end of said sidewalls;

the first transverse end wall extends between said sidewalls at a first end of said half block;

the second transverse end wall extends between said sidewalls spaced from a second end of said half block; the half block further comprising:

a protrusion on the inside of said sidewalls, extending from a base substantially coplanar with said sidewall bottom surfaces, said protrusion having a tip extending above said sidewall top surfaces and configured to interlock with a block in a next succeeding course.

5. (Previously Presented) The interlocking modular block system for mortarless wall assembly according to claim 1 wherein the block-interlocking means comprises male and female interlocking means.

6. (Original) The interlocking modular block system for mortarless wall assembly according to claim 5 wherein the male and female interlocking means provide self-alignment features to the block system for mortarless wall assembly.
7. (Previously Presented) The interlocking modular block system for mortarless wall assembly according to claim 1 where the blocks provide void space to house stability and stiffening means in both horizontal and vertical directions.
8. (Previously Presented) The interlocking modular block system for mortarless wall assembly according to claim 1 wherein the blocks provide for the construction of door and window openings.
9. (Previously Presented) The interlocking modular block system for mortarless wall assembly according to claim 1, wherein the blocks are used to house lintels without requiring the use of form work.
10. (Previously Presented) The interlocking modular block system for mortarless wall assembly according to claim 1, wherein the blocks provide for the construction of load and non-load bearing walls.
11. (Previously Presented) The interlocking modular block system for mortarless wall assembly according to claim 2, wherein the block-interlocking means comprises male and female interlocking means.
12. (Previously Presented) The interlocking modular block system for mortarless wall assembly according to claim 11 wherein the male and female interlocking means provide self-alignment features to the block system for mortarless wall assembly.

13. (Previously Presented) The interlocking modular block system for mortarless wall assembly according to claim 3, wherein the block-interlocking means comprises male and female interlocking means.
14. (Previously Presented) The interlocking modular block system for mortarless wall assembly according to claim 13 wherein the male and female interlocking means provide self-alignment features to the block system for mortarless wall assembly.
15. (Previously Presented) The interlocking modular block system for mortarless wall assembly according to claim 4, wherein the block-interlocking means comprises male and female interlocking means.
16. (Previously Presented) The interlocking modular block system for mortarless wall assembly according to claim 15 wherein the male and female interlocking means provide self-alignment features to the block system for mortarless wall assembly.
17. (Previously Presented) The interlocking modular block system for mortarless wall assembly according to claim 2, wherein the blocks provide void space to house stability and stiffening means in both horizontal and vertical directions.
18. (Previously Presented) The interlocking modular block system for mortarless wall assembly according to claim 2, wherein the blocks provide for the construction of door and window openings.
19. (Previously Amended) The interlocking modular block system for mortarless wall assembly according to claim 2, wherein the blocks are used to house lintels without requiring the use of form work.

20. (Previously Presented) The interlocking modular block system for mortarless wall assembly according to claim 2, wherein the blocks provide for the construction of load and non-load bearing walls.

21. (Previously Presented) The interlocking modular block system for mortarless wall assembly according to claim 3, wherein the blocks provide void space to house stability and stiffening means in both horizontal and vertical directions.

22. (Previously Presented) The interlocking modular block system for mortarless wall assembly according to claim 3, wherein the blocks provide for the construction of door and window openings.

23. (Previously Presented) The interlocking modular block system for mortarless wall assembly according to claim 3, wherein the blocks are used to house lintels without requiring the use of form work.

24. (Previously Presented) The interlocking modular block system for mortarless wall assembly according to claim 3, wherein the blocks provide for the construction of load and non-load bearing walls.

25. (Previously Presented) The interlocking modular block system for mortarless wall assembly according to claim 4, wherein the blocks provide void space to house stability and stiffening means in both horizontal and vertical directions.

26. (Previously Presented) The interlocking modular block system for mortarless wall assembly according to claim 4, wherein the blocks provide for the construction of door and window openings.

27. (Previously Presented) The interlocking modular block system for mortarless wall assembly according to claim 4, wherein the blocks are used to house lintels without requiring the use of form work.

28. (Previously Presented) The interlocking modular block system for mortarless wall assembly according to claim 4, wherein the blocks provide for the construction of load and non-load bearing walls.

29. (Currently Amended) An interlocking modular block system for mortarless wall assembly, comprising:

a plurality of blocks laid up in courses in a staggered relationship,

wherein three different block configurations are provided, a stretcher block and a corner block having lengths at least one and a half times the width, and a half block having the same width of the stretcher block and the corner block and a length up to half the length of the stretcher block and the corner block, each of said blocks comprising:

a pair of spaced, parallel, upright sidewalls having flat top and bottom surfaces,
said sidewalls having block-interlocking means;

a first transverse end wall extending between said sidewalls spaced from a second end of said blocks; and

a second transverse end wall extending between said sidewalls spaced from a second end of said blocks;

wherein, in the stretcher block:

said sidewalls have block-interlocking means on opposed ends thereof;

the first transverse end wall is a protruding end wall extending between said sidewalls spaced from a first end of said stretcher block; and

the second transverse end wall is a protruding end wall ~~The interlocking modular block system for mortarless wall assembly of claim 2, wherein the protruding end wall is of substantially uniform thickness~~ extending between said sidewalls spaced from the second end of said stretcher block.

30. (Previously Presented) The interlocking modular block system for mortarless wall assembly of claim 3, wherein the transverse upright support web is of substantially uniform thickness.